

10-18-2002

Washington University Record, October 18, 2002

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Record

Oct. 18, 2002

Volume 27 No. 8



Washington University in St. Louis



Cue the 'cue Blue Zone mechanics Bill Jones (left) and Wendall Post get bratwursts from fellow Blue Zone mechanic Brian Gaddy during the lunch hours at a recent United Way fundraising barbecue sponsored by the Department of Facilities and Planning. The event on the Eliot Hall dock raised money for the University's United Way campaign. A 50-50 raffle also was offered, and Joe Moehl, storeroom assistant in the Department of Chemistry in Arts & Sciences, took home the winnings. Facilities will host another barbecue, open to the University community, from 11 a.m.-1 p.m. Oct. 25 on the Eliot Hall dock.

Science outreach receives grant to enhance teaching

By DANA BENEDICKTUS

The National Science Foundation (NSF) has awarded the Science Outreach Office in Arts & Sciences a five-year, \$6.5 million grant to enhance science and mathematics teaching in St. Louis schools.

The program is called the St. Louis Inner Ring Cooperative (SIRC). Designed to meet the challenges set forth by President Bush in the No Child Left Behind Act, SIRC will help teachers meet the needs of students performing below their peers in science and math.

At the University, SIRC will drive development of a spectrum of undergraduate and graduate education courses. In partnership with the St. Louis Science Center, SIRC will coordinate the development of a community resource center that will provide educational supplies and opportunities for teachers and parents.

"The grant allows top-flight researchers and educators in high-

er education to interact with elementary and junior high students and teachers, who will benefit from the outstanding resources in St. Louis," said Edward S. Macias, Ph.D., executive vice chancellor, dean of Arts & Sciences and principal investigator for SIRC. "It creates an atmosphere that brings excitement and enlightenment to students and teachers alike. It's a big boost to science education in St. Louis."

SIRC was developed with the St. Louis Center for Inquiry in Science Teaching and Learning (CISTL) project. NSF recently awarded funding to the Department of Education in Arts & Sciences for CISTL.

Together, SIRC and CISTL form a synergistic alliance among the University, the Saint Louis Zoo

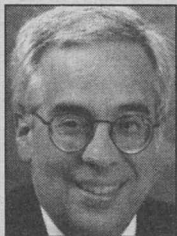
and the St. Louis Science Center. The school district partners for SIRC are Ferguson-Florissant, Maplewood-Richmond Heights, University City, Riverview Gardens and Webster Groves.

The educational research generated through both grant projects will add to the growing national data on best practices in teaching science and math.

"This is an exciting project, because we will be able to help school districts as they determine their own needs and develop strategies for meeting them," said Victoria May, director of science outreach and an SIRC project director. "Washington University will act as a partner with schools, providing in-class supports, graduate courses for teachers and evaluation."

SIRC's major efforts are targeted to support schools in areas where students have the most trouble performing on Missouri standardized tests. Missouri test

See NSF, Page 6



Macias



Indeck

professor of electrical engineering, made one of the most striking engineering insights of the decade: Collections of magnetic particles have a characteristic sig-

nature as unique as a human's fingerprint.

This signature, they found, can be used as positive, authentic identification of any object or document that carries magnetic information — from credit cards, bank checks, cardkeys and security cards to music and data tapes and other computer software.

The marketing of Indeck's discovery could eliminate most of the estimated \$5 billion lost to credit card and check fraud each year in the United States.

"It's exciting for us to see MasterCard testing Magneprint," Indeck said.

Noise you can use

To understand this facet of magnetism, it helps to visualize the ink printing of a UPC bar code.

See Fingerprinting, Page 6

Parkinson's insight

Naturally occurring coenzyme slows the decline, preliminary study finds

By GILA Z. RECKESS

A national clinical trial with 80 Parkinson's disease patients has found that high dosages of a naturally occurring compound, coenzyme Q₁₀, may slow patients' progressive clinical deterioration by as much as 44 percent.

The greatest benefit was seen in everyday activities such as feeding, dressing, bathing and walking.

The study was conducted at numerous sites around the country, including the School of Medicine. The University of California, San Diego (UCSD), coordinated the trial.

The principal investigator at the University was Joel S. Perlmuter, M.D., professor of neurology and neurological surgery and of radiology and associate professor of anatomy and neurobiology.

"These preliminary findings are encouraging for the millions of people who suffer from this degenerative disease," Perlmuter said. "However, we must be cautious about recommending this therapy based upon a relatively small preliminary study, and a larger trial is necessary to confirm these results."

The group's results appeared in the Oct. 15 issue of the *Archives of Neurology* and were presented by the national principal investigator, Clifford Shults, M.D., professor of neurosciences at UCSD, recently at the annual meeting of the American Neurological Association in New York City.

Parkinson's disease is a degenerative disorder of the brain in

which patients develop tremors, stiff muscles and slowness of movement. It affects more than 1 million people in the United States.

Although certain drugs, such as levodopa, can reduce the symptoms of Parkinson's disease, no treatment has been shown to slow the progressive deterioration in function.

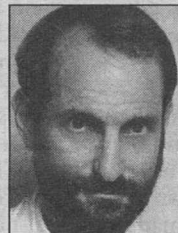
The use of coenzyme Q₁₀ to treat Parkinson's disease is based on research by the UCSD team in conjunction with Weill Medical College of Cornell University. They discovered that coenzyme Q₁₀ is a potent antioxidant and plays an integral role in supplying energy to chemical reactions in the body. This energy supply process is led by cell components called mitochondria.

The team also observed that people with Parkinson's disease have impaired mitochondrial function and abnormally low levels of coenzyme Q₁₀. Moreover, coenzyme Q₁₀ appears to protect the brain from Parkinson's disease in animals.

In the trial, 80 patients with early signs of Parkinson's disease who did not yet need medications typically used to treat the disease were randomly assigned to receive either a placebo or coenzyme Q₁₀ four times a day. Participants who received the drug were given 300, 600 or 1,200 milligrams per day.

All participants were evaluated with a medical history, physical exam, laboratory tests and a battery of clinical assessments prior

See Coenzyme, Page 3



Perlmutter



Gettin' biz(y) Olin School of Business Dean Stuart I. Greenbaum, Ph.D. (right), sits down on the set of *Stl Biz*, a new weekly business show on KETC-TV Channel 9, before he gets "miked" by a stage manager. On the program, Greenbaum discussed corporate governance with program host Jon Hart (left). Produced in cooperation with the Olin School, *Stl Biz* examines timely business issues in-depth. It airs on Fridays at 8 p.m. and re-airs on Sundays at 11 a.m.



During his Sept. 26 installation as the first Thomas and Karole Green Professor of Law, Charles R. McManis, J.D., receives his medallion from Chancellor Mark S. Wrighton as Joel Seligman, J.D., the Ethan A.H. Shepley University Professor and dean of the School of Law, looks on. The new professorship was made possible by a generous gift from the Greens, longtime supporters of the law school.

McManis installed as 1st Green professor of law

By BARBARA REA

Charles R. McManis, J.D., was installed as the first Thomas and Karole Green Professor of Law in a Sept. 26 ceremony in the Bryan Cave Moot Courtroom in Anheuser-Busch Hall.

The installation was hosted by Chancellor Mark S. Wrighton and Joel Seligman, J.D., the Ethan A.H. Shepley University Professor and dean of the School of Law.

The new professorship was made possible by a generous gift from Thomas and Karole Green, longtime supporters of the law school.

In announcing the \$1.5 million gift, Wrighton said, "Tom and Karole Green have enabled us to bestow a wonderful honor on Chuck McManis and have made

an enduring contribution to Washington University. The Greens are great citizens of the St. Louis region, and their generosity extends to many institutions. We count ourselves very fortunate to be among those institutions worthy of their support."

Seligman said, "Tom and Karole Green have given their time and talent to helping make the School of Law the great center of teaching and research that it is today. We are deeply indebted to them for their continued interest in and support of the law school. Among alumni, Tom has been a leader and has generated tremendous support from other alumni and friends."

"The distinction of being the first Green professor goes to a most appropriate faculty mem-

ber. Chuck McManis is an internationally renowned legal scholar whose teaching has inspired countless students, and his research has advanced society's understanding of intellectual property law."

McManis' research in intellectual property law has led him to many countries, and he is especially versed in matters of intellectual property law in Asia. During a Fulbright fellowship, McManis lectured and conducted research at the International Intellectual Property Training Institute in Korea.

He has taught throughout Asia, serving as an exchange professor at Yonsei University in Seoul, South Korea and at Sichuan University in Chengdu, China.

Among his publications are *Intellectual Property and Unfair Competition*, currently in its fourth printing; *Licensing of Intellectual Property in the Digital Age*; and his forthcoming book, *Cases and Materials on the International Aspects of Intellectual Property Law*.

A popular teacher, he was named Teacher of the Year in 2001 by students, and in the same year he was given the law school alumni association's Distinguished Teaching Award.

McManis earned a bachelor's degree from Birmingham-Southern College, and his master's and juris doctoris are from Duke University.

Thomas Green is an attorney in St. Louis and is president of the National States Insurance Co. He is the founder of Royal Bancshares, a bank holding company with branches in St. Louis.

A dedicated law school alumnus, Thomas Green has served in many important ways, including as a member of the school's National Council and as the chair of the effort to raise matching funds for the construction of Anheuser-Busch Hall.

In recognition of his major support of the School of Law, Thomas Green received the school's Distinguished Alumni Award in 1995.

Thomas Green has served on many local boards, including the Council of Jewish Federations, the United Jewish Appeal, the United Israel Appeal and the Jerusalem Foundation. Among his most outstanding contributions to the St. Louis region is his role in establishing a Holocaust museum here.

Karole Green is a longtime supporter of the Jewish Federation of St. Louis and serves as president of the Lubin-Green Foundation.

Weidenbaum Center forums

St. Louis home rule ballot issue Oct. 22

By GERRY EVERDING

St. Louis media and community leaders will be on the Hilltop Campus Oct. 22 to participate in a community forum exploring pros and cons of a Nov. 5 Missouri election proposition that could change the legal status of the city of St. Louis.

Sponsored by the Weidenbaum Center on the Economy, Government, and Public Policy, the "Home Rule for the City of St. Louis" program will run from 7:30-10:30 a.m. in the Women's Building Formal Lounge. The event is free and open to the public.

The program is the inaugural event in the Weidenbaum Center's new "St. Louis Series," an ongoing program offering conferences, speeches and forums addressing local and regional issues. Plans call for the series to highlight one major policy issue each year, sometimes partnering with other departments at the University or with other St. Louis organizations.

Missouri voters will decide early next month whether to amend the state constitution to give the city of St. Louis the same "Home Rule" status now granted to every county in Missouri with population of more than 85,000.

Passage of Amendment 1 could result in substantial changes in the structure of city government and pave the way for the

incorporation of some county offices into city administration.

While some suggest home rule would promote accountability and efficiency in city government, others argue for preservation of the status quo.

The home rule forum will kick off with a continental breakfast and an introduction by Steven S. Smith, Ph.D., director of the Weidenbaum Center and the Kate M. Gregg Professor of Social Sciences. Panel discussions, each about an hour long, will begin at 8:05 a.m. and 9:25 a.m. The program concludes at 10:30 a.m.

Panel one, "The City of St. Louis as a Legal Concept," will include presentations by Stuart Symington Jr., a lawyer with the firm Gallop, Johnson & Neuman, and E. Terrence Jones of the University of Missouri-St. Louis. Greg Freeman, a columnist for the *St. Louis Post-Dispatch*, will moderate discussion.

Panel two, "The Home Rule Debate," will feature discussion by Mike Jones, former St. Louis deputy mayor now with the St. Louis Empowerment Zone, and Sharon Carpenter, St. Louis' recorder of deeds.

Streaming video and audio and transcripts of St. Louis Series programs eventually will be placed on the Weidenbaum Center's Web site, wc.wustl.edu.

Registration is required for the conference. For more information, contact Melinda Warren at 935-5652 or warren@wc.wustl.edu.

Trade policy common ground Oct. 23

Sharing the gains of globalization and concerns about overseas working conditions will be issues debated Oct. 23 as a diverse group of international trade policy shapers comes together for a half-day forum on "Finding Common Ground in Trade Policy" at the National Press Club in Washington, D.C.

Sponsored by the University's Weidenbaum Center on the Economy, Government, and Public Policy, the program is designed to encourage nonpartisan thinking about important trade issues.

"Our goal is finding common ground on policies that allow the world to benefit from expanded trade, while reducing related costs and consequences, such as social concerns about overseas working conditions," said Steven S. Smith, Ph.D., director of the Weidenbaum Center and the Kate M. Gregg Professor of Social Sciences.

The program, which will begin with breakfast at 8:30 a.m., will include two panel discussions and a concluding luncheon address by Bill Brock, former senator, U.S. trade representative and secretary of labor.

The first panel, "Concerns About Overseas Working Conditions," will include discus-

sion by George Becker, retired president of the United Steelworkers of America; Sherman Katz, Center for Strategic and International Studies; and Murray L. Weidenbaum, Ph.D., the Edward Mallinckrodt Distinguished University Professor and chief economic adviser for former President Ronald Reagan. The panel moderator will be Paul Rothstein, Ph.D., associate professor of economics in Arts & Sciences.

The second panel, "Sharing the Gains of Globalization," will take a look at globalization from the viewpoint of developing countries with an eye toward finding common-ground solutions. It will include discussion by Lael Brainard of the Brookings Institution and William Cline of the Center for Global Development. The panel moderator will be Marvin Kusters of the American Enterprise Institute.

The forum is free and open to the public, but space is limited and registration is required. It takes place on the 13th floor of the press club, 529 14th St. N.W.

For more information, contact Melinda Warren at 935-5652 or warren@wc.wustl.edu, or go online to wc.wustl.edu.

PICTURING OUR PAST



One of the most distinguished literary figures of the 20th century, T.S. Eliot won the 1948 Nobel Prize in literature. He studied at Harvard University, the Sorbonne and Oxford University. In 1914, he established residence in London and, in 1927, became a British subject. Eliot was the grandson of W.G. Eliot, the first president of the Board of Directors of the University. The annual T.S. Eliot Lecture will be held at 4:30 p.m. Oct. 24 in Holmes Lounge in Ridgley Hall. The speaker will be Sir Ferdinand Mount, author and recently retired editor of the *London Times Literary Supplement*. His talk is titled "Adlestrop Continued: Poetry, Morality and the Novel." Seating is limited and reservations are required. For more information, call 935-5279.

Washington University will be celebrating its 150th anniversary in 2003-04. Special programs and events will be announced as the yearlong observance approaches.



Record

Washington University community news

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Record (USPS 600-430; ISSN 1043-0520), Volume 27, Number 8/Oct. 18, 2002.

Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130. Periodicals postage page at St. Louis, MO.

Where to send address changes

Postmaster and nonemployees Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, MO 63130.

Employees Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.

Washington University in St. Louis

School of Medicine Update

Weighing the odds

Women with advanced cervical cancer need varied therapy

By DARRELL E. WARD

Researchers in the School of Medicine have found that women with advanced cervical cancer have different odds of survival depending on how far the cancer has spread as determined by an imaging technique called positron emission tomography (PET).

The findings suggest that some women with stage IIIB cervical cancer, an advanced form of the disease, should receive aggressive therapies or treatment for pain control and comfort.

Anurag K. Singh, M.D., a radiation oncology resident at Barnes-Jewish Hospital, presented the findings Oct. 7 at the American Society for Therapeutic Radiology and Oncology's annual meeting in New Orleans.

Singh is first author of the paper. The senior author is Perry W. Grigsby, M.D., professor of radiation oncology at the Mallinckrodt Institute of Radiology and a member of the Clinical and Translational Research Program at the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital.

"These findings are important because they mean we can design future studies to provide patients with different treatments based on the extent of their disease as shown on a whole-body PET scan," Singh said.

The American Cancer Society estimates that 13,000 new cases of

cervical cancer will occur this year in the United States and that 4,100 will die from the disease. Because of mass screening programs, the prevalence of cervical cancer in the United States and other developed countries is generally low compared with developing countries, where the disease is a leading cause of cancer death among women.

The University team examined the records of 47 patients with stage IIIB cervical cancer who were evaluated before treatment by whole-body PET.

Stage IIIB cervical cancer is one of the most severe classifications of this disease, according to the tumor-staging system developed by the International Federation of Gynecology and Obstetrics (FIGO), which is used worldwide in both developed and developing countries.

FIGO staging combines physical measurements — such as tumor size, location and the degree to which it has penetrated the surrounding tissues — and medical tests that are broadly available worldwide.

"These findings are important because they mean we can design future studies to provide patients with different treatments based on the extent of their disease."

ANURAG K. SINGH

Despite having the same classification, women with stage IIIB cervical cancer show a range of response to therapy.

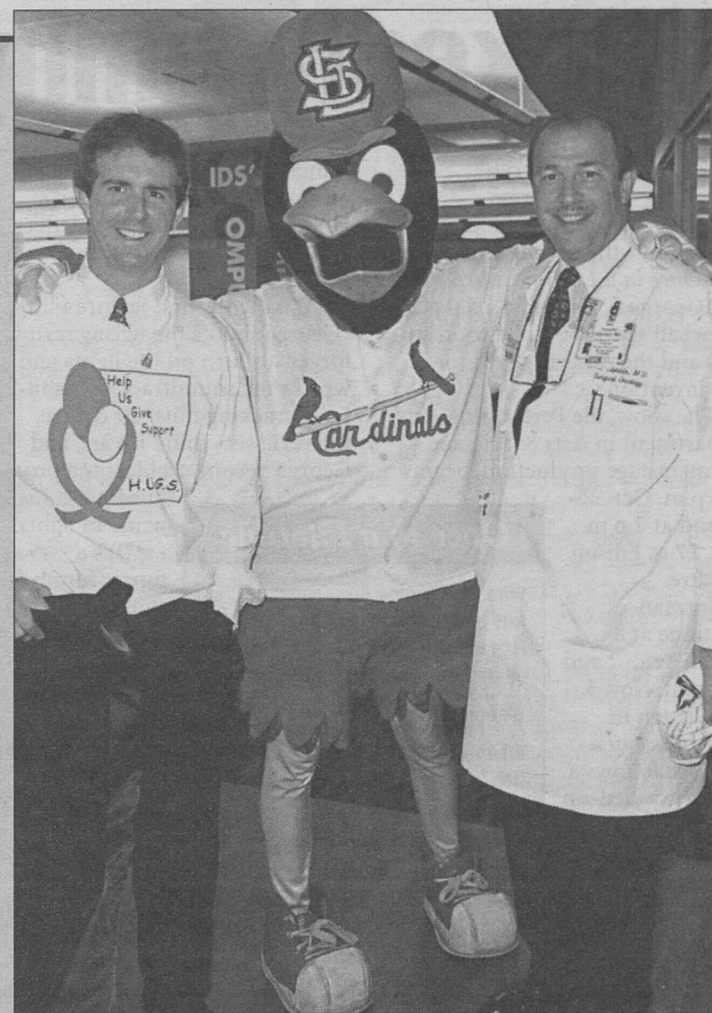
Patients in this study received a combination of chemotherapy, brachytherapy (implanted radioactive devices) and external-beam radiation therapy.

Patients fell into four distinct groups on the basis of pre-treatment PET scans. Each group had different survival rates.

Women whose cancer had not spread to the lymph nodes had the highest rates of survival, followed by women with cancer cells in the pelvic lymph nodes only.

Those whose tumors had spread to lymph nodes in the upper abdomen had poor survival, and those whose cancer had spread to lymph nodes in the upper chest usually died within months of diagnosis.

According to the findings, the three-year survival estimates for the first three groups were 73 percent, 58 percent and 29 percent respectively, with none surviving at three years with the most advanced tumors.



Kids first Cardinals Care Vice President Tim Hanser and Timothy J. Eberlein, M.D., director of the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital, flank Fredbird at the Oct. 2 news conference announcing H.U.G.S., a support program that targets urban children whose mothers or grandmothers have cancer. The program is a joint effort between the Siteman Cancer Center, Cardinals Care, the St. Louis affiliate of the Susan G. Komen Breast Cancer Foundation and the St. Louis Public Library.

Bridwell becomes president of Scoliosis Research Society

By JIM DRYDEN

Keith H. Bridwell, M.D., the Asa C. and Dorothy W. Jones Professor of Orthopaedic Surgery in the School of Medicine, is the new president of the Scoliosis Research Society (SRS).

Bridwell, who is chief of pediatric and adult spinal surgery, has been president-elect of the SRS for the last year. He also sits on the society's board of directors.

"The Scoliosis Research Society is the oldest of the spine societies, and it really is the major society for the study of spinal deformity," Bridwell said. "I am honored to become president of this long-lived and prestigious group."

Bridwell has been a member of SRS since 1984. As president, he plans to continue to support spine research. He has written more than 110 peer-reviewed scientific publications and has received awards for his research, including the Walter P. Blount Award and the John H. Moe Award. He also is a three-time recipient of the SRS' Russell L. Hibbs Award for best basic science paper.

He serves as deputy editor of the journal *Spine*, has served on the editorial board of the *Journal of Spinal Disorders* and is a reviewer for the *Journal of Bone and Joint Surgery*. In addition, he served as co-editor in chief of the first and second editions of *The Textbook of*

Spinal Surgery.

Bridwell came to the University as an undergraduate, graduating Phi Beta Kappa in 1973 with degrees in biology and psychology. He also completed his medical degree at the medical school in 1977 and completed an internship and residency in orthopaedic surgery at Barnes-Jewish Hospital in 1981.

The mission of SRS is to foster optimal care for patients with any disorders that may affect the shape, alignment or function of the spine. SRS works to accomplish that goal through education, research, advocacy and ethical practice.

Coenzyme

May protect the brain from Parkinson's disease
— from Page 1

to beginning treatment and again at regular intervals.

Evaluations continued for a maximum of 16 months or until participants required other medical treatments for Parkinson's disease.

By the eighth month, the groups taking the lowest and intermediate dosages both were similarly less impaired and had better function than the placebo group, and those receiving the highest dosage were even less impaired.

Improvements were evident in assessments of mental function and mood, activities of daily living and motor skills. Group differences persisted for the duration of the study.

However, according to Perlmutter, the study was too small to provide conclusive evidence of the benefit of coenzyme Q₁₀.

The national group now is developing a proposal to carry out a larger study to confirm their results.

Although coenzyme Q₁₀ is a dietary supplement and therefore is not regulated by the U.S. Food and Drug Administration, the research team strongly cautions patients against choosing to take the supplement until a larger, definitive trial can be conducted.

In addition to Washington University and UCSD, the study group includes researchers at Albany Medical College, Emory University, Johns Hopkins University, Oregon Health Sciences University, Rush Presbyterian/St. Luke's Medical

Center, University of Pennsylvania, University of Rochester, University of Southern California and University of Virginia.

"These preliminary findings are encouraging for the millions of people who suffer from this degenerative disease. However, we must be cautious about recommending this therapy based upon a relatively small preliminary study, and a larger trial is necessary to confirm these results."

JOEL S. PERLMUTTER

Ethics of genetic testing symposium Oct. 28

The Alzheimer's Disease Research Center in the School of Medicine and the planning committee for the Center for the Study of Human Values are sponsoring a symposium on the ethics of genetic testing in dementing illnesses.

The event runs from 8:30 a.m.-5 p.m. Oct. 28 in the Khorassan Ballroom at the Chase Park Plaza.

The event will feature an interdisciplinary panel of University faculty, including experts in medi-

cine, law, ethics and psychology.

Several national and international experts on genetic counseling also will speak, including Thomas Bird, M.D., from the University of Washington; Robert C. Green, M.D., from Boston University School of Medicine; and Jose Molinuevo, M.D., from the Hospital Clinic i Provincial in Barcelona, Spain.

The program is free but seating is limited. For more information, visit adrc.wustl.edu or call 747-2981.



Community living John C. Morris, M.D., director of the Center for Aging, describes the NORC project at a news conference at the Jewish Community Center Oct. 7. The project is designed to help older adults live independently. The University's Center for Aging is collaborating with the Jewish Federation of St. Louis to investigate naturally occurring retirement communities, or NORCs, including an area of Creve Coeur that houses 1,500 residents age 65 and older. The \$1.2 million federal grant also aims to improve outreach services to this community.

University Events

'Wickedly funny' PAD presents *Once in a Lifetime*

BY LIAM OTTEN

Silver-screen wit collides with behind-the-scenes lunacy in *Once in a Lifetime*, Moss Hart and George S. Kaufman's classic screwball spoof of Hollywood studios and the American gift for self-invention.

The show, the Performing Arts Department in Arts & Sciences' fall mainstage production, begins at 8 p.m. Oct. 25-26 and at 2 p.m. Oct. 27 at Edison Theatre.

Performances continue at 8 p.m. Nov. 1-2 and at 2 p.m. Nov. 3.

Written in 1930, *Once in a Lifetime* follows a trio of washed-up vaudevillians — scheming, bossy Jerry (graduate student Ryan Howe); loyal, ambitious May (senior Pirronne Yousefzadeh); and ultra-straight straight-man

George (senior Nick Choksi) — who decamp for Hollywood after seeing *The Jazz Singer*, the first commercial "talkie."

May, in grand Tinseltown fashion, concocts an instant "School of Elocution" catering to squeaky-voiced silent-film stars but, Hollywood being Hollywood, the troupe's meteoric rise is soon followed by an equally meteoric descent. All seems lost until the sweet, simple-minded George proves a natural for the executive suite ...

"George does the stupidest

things and they, of course, turn out to be brilliant, because it's Hollywood," said director Jeffery S. Matthews, senior artist in residence.

Making his first feature film, "George shoots the wrong script, forgets to turn on the lights and wrecks the soundtrack by habitually cracking nuts. Of course, the reviewers think it's art, and George becomes a big-time producer with his name in lights."

"It's a funny, funny show, with the size and high energy of a big-book musical," added Matthews, who likens it to both *Singin' in the Rain* and Peter Sellar's *Being There* (1979). "I've always been surprised that it wasn't made into musical or a film — perhaps Holly-

wood just wasn't ready to parody itself at the time."

The first of eight collaborations between Kaufman and Hart — other hits included *You Can't Take It With You* (1936) and *The Man Who Came to Dinner* (1939) — *Once in a Lifetime* draws heavily on Kaufman's experience as a screenwriter for the Marx Brothers' *Cocanuts*, *Animal Crackers* and *A Night at the Opera*.

Still, the show remains relatively unknown outside theatri-

cal circles, thanks largely to practical difficulties of staging a work its size.

"It's a huge canvas," said Matthews, whose cast includes 45 actors, many of whom double and even triple roles. "More than 40 speaking parts and five complete set changes — that's a daunting prospect. It's the kind of show that would be just forbiddingly expensive to do on Broadway but is perfect for college theater."

Matthews, a teacher of voice and speech, has been a fan of the play since the mid-1970s, when he appeared in Broadway director Jack O'Brien's version at the Repertory Theatre of St. Louis.

"What remains vivid is the laughter," Matthews recalled, "both how much fun it was to do and the audience response. It's crazy and zany and wickedly, wickedly funny."

The set design, by Christopher Pickart, artist in residence, captures the characters' (and the larger culture's) evolution from vaudeville shtick to Hollywood slick, morphing — as the story moves West — from an old fashioned, brick-walled performance space into a kind of modernist screening room, complete with montages of period films (by Susan Volkan, lecturer in the PAD).

Costumes are by Bonnie Kruger, senior artist in residence; lighting is by David Vogel, artist in residence. Jeff Smith, associate professor and director of Film & Media Studies in Arts & Sciences, served as film adviser.

Tickets — \$8 for University faculty, staff and students and for senior citizens, \$12 for the



(Clockwise, from left) Pirronne Yousefzadeh, Nick Choksi, Ryan Howe and Erica Nagel star in *Once in a Lifetime*, the Performing Arts Department's fall mainstage production, at Edison Theatre.

general public — are available through the Edison Theatre Box Office and all MetroTix outlets.

For more information, call the Edison Theatre Box Office at 935-6543.

Artists on Film • Engines of Liberation • Landscape as Medium

"University Events" lists a portion of the activities taking place at Washington University Oct. 18-31. Visit the Web for expanded calendars for the Hilltop Campus (www.wustl.edu/calendar) and the School of Medicine (medschool.wustl.edu/calendars.html).

Exhibitions

The Book of Roofs, #0001: Tracajá. Josely Carvalho. Photolitho-and-mixed-media prints. Through Oct. 27. Des Lee Gallery, 1627 Washington Ave. 621-8537.

Targets. Christian Jankowski, video artist. Through Dec. 8. Gallery of Art. 935-4523.

H.W. Janson and the Legacy of Modern Art at Washington University in St. Louis. Exhibition from the University collection. Through Dec. 8. Gallery of Art. 925-4523.

Films

Friday, Oct. 25

7 p.m. Artists on Film. Works of Calder, Herbert Matter, dir.; Jackson Pollock, Hans Namuth and Paul Falkenberg, dir.; Willem De Kooning, The Painter, Hans Namuth, dir. Gallery of Art. 935-4523.

Lectures

Friday, Oct. 18

9:15 a.m. Pediatric Grand Rounds. "Glucocorticoids in Health and Disease." Louis J. Muglia, assoc. prof. of pediatrics. Clopton Aud., 4950 Children's Place. 454-6006.

10 a.m. Biology seminar. "Microbes and Macro-organisms: One Ecology or Many?" Peter Morin, prof. of ecology, evolution, and natural resources, State U. of N.J., New Brunswick. Rebstock Hall, Rm. 309. 935-6706.

Noon. Cell Biology & Physiology seminar. "The Three E's of Cancer Immunoeediting: Elimination, Equilibrium and Escape." Robert D. Schreiber, prof. of pathology & immunology. McDonnell Medical Sciences Bldg., Rm. 426. 362-1668.

2:30-8 p.m. CME Course. "Melanoma: Current Issues & Management." Registration required. 362-6891.

5:30 p.m. Homer G. Phillips Public Health Lecture Series. Beverly Coleman-Miller, editorial dir., Journal of Minority Health Today. RSVP required. Chase Park Plaza, 212 N. Kingshighway. 362-6854.

Monday, Oct. 21

Noon. Neurology & Neurological Surgery Research Seminar Series. "Hypoglycemia-induced Brain Injury in Developing Rodents." Kel Yamada, assoc. prof. of neurology. Maternity Bldg., Lvl. 1, Schwartz Aud. 362-7316.

Noon-1 p.m. Work, Families, and Public Policy Seminar Series. "Engines of Liberation." Jeremy Greenwood, prof. of economics, U. of Rochester, N.Y. Eliot Hall, Rm. 300. 935-4918.

2:30 p.m. Chemical Engineering seminar. "Tem to Measure Young's Modulus of Carbon Nanotubes." Mike Treacy, Senior Research Scientist, Physical Sciences Research, NEC Research Inst., Princeton, N.J. Cupples II Hall, Rm. 100. 935-6070.

4 p.m. Biology seminar. "Molecular and Developmental Evolution in Early Vertebrates." Jim Langeland asst. prof. of biology, Kalamazoo College, Mich. Rebstock Hall, Rm. 322. 935-4467.

4 p.m. Immunology Research Seminar Series. "Structural Mechanisms of Viral Immune Evasion." Daved Fremont, asst. prof. of pathology and immunology. Eric P. Newman Education Center. 362-2763.

4 p.m. Physics seminar. "The Puzzling Phase Diagram of Copper-Oxygen Compounds: New Spectroscopic Results." Rudi Hackl, Walther-Meissner Inst. for Low Temperature Research, Garching, Germany. (Coffee, 3:45 p.m.) Compton Hall, Rm. 241. 935-6276.

7 p.m. Architecture Monday Night Lecture Series. "Surface/Subsurface." Marion Weiss & Michael Manfredi, architects, Weiss/Manfredi Architects, New York. (Reception, 6:30 p.m., Givens Hall.) Steinberg Hall Aud. 935-6200.

Tuesday, Oct. 22

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "Quorum Sensing During Host Colonization: Biochemical and Structural Approaches." Stephen Winans, prof. of microbiology, Cornell U. Cori Aud., 4565 McKinley Ave. 935-7284.

Noon-1 p.m. Program in Physical Therapy lecture. "Update on Patient Outcomes and Vertebroplasty." Heidi Prather, asst. prof. of orthopedic surgery. 4444 Forest Park Bldg., Rm. B108/B109. 286-1404.

1 p.m. Religious Studies lecture. "Karma and Cyclical Time." Ludo Rocher, prof. of South Asian studies, U. of Penn. January Hall, Rm. 110. 935-8677.

4 p.m. Anesthesiology Research Unit Seminar Series. Washington University Pain Center Seminar. "Peripheral

Glutamate Receptors: Novel Targets for Analgesics?" Susan M. Carlton, prof. of anatomy and neurosciences, Marine Biomedical Inst., U. of Tx. Medical Branch, Galveston. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

4 p.m. Biology seminar. "Pattern and Process in a Biological Invasion: Coexistence or Exclusion Among Competing Mosquitoes?" Steven Juliano, prof. of ecology, Ill. State U., Normal. Rebstock Hall, Rm. 215. 935-6706.

6-7:30 p.m. University College symposium. "Covering East Asia: Journalism East and West." Elizabeth Tsunoda, dir. East Asian Studies, course facilitator. (Continues Oct. 29, Nov. 5.) Duncker Hall, Rm. 101. 935-6759.

7-8:30 p.m. OUTLAW, School of Law, and

OUTLOOK, George Warren Brown School of Social Work lecture. "Parenting: Gay or Straight, How Does It Matter? A Comparative Study of Two-parent Lesbian and Heterosexual Families." Peggy Drexler, affiliated scholar, Inst. for Research on Women and Gender, Stanford U. Co-sponsored by the St. Louis Psychoanalytic Inst. Cost: \$20 for continuing education credit, \$5 for general public, free for WUSTL faculty and staff. Laboratory Sciences Bldg. Aud. 361-7075 ex. 322.

Wednesday, Oct. 23

7:30 a.m.-4:30 p.m. CME Syphilis Update Course. Sponsored by the St. Louis STD/HIV Prevention Training Center. Cost: \$50. Registration required. Eric P. Newman Education Center. 747-1522.

8 a.m. Obstetrics and Gynecology Grand Rounds. "Low Back Pain in Pregnancy." Heidi Prather, asst. prof. of physical medicine and rehabilitation. Clopton Aud., 4950 Children's Place. 362-1016.

10 a.m. Biology seminar. "Disturbance & Predation in Container Communities." Steven Juliano, prof. of ecology, Ill. State U., Normal. Rebstock Hall, Rm. 309. 935-6706.

11 a.m. Assembly Series. "Art and the Politics of Theatre." Wole Soyinka, Nobel Prize-winning author. Graham Chapel. 935-4620.

4 p.m. Physics colloquium. "The 'Alarming' Phenomenon of Particle Creation in the Expanding Universe." Edward W. Kolb, prof. of astronomy & astrophysics, U. of Chicago. (Coffee, 3:30 p.m., Compton Hall, Rm. 245.) Crow Hall, Rm. 204. 935-6276.

Thursday, Oct. 24

7:30 a.m.-5 p.m. CME Contemporary General Thoracic Surgery course. Sponsored by the Section of General Thoracic Surgery. (Continues Oct. 25, 7:30 a.m.-5 p.m.) Cost: \$475. Registration required. Eric P. Newman Education Center. 362-6891.

11 a.m. Pulmonary & Critical Care Medicine Grand Rounds. Corey Blinder, assoc. prof. of medicine. Barnes-Jewish

Hosp. Bldg., East Pavilion Aud. 362-6904.

Noon. Genetics Seminar Series. "Getting to Know [U]: Pockets in Protein Conformational Space." Rohit Pappu, asst. prof. of biomedical engineering. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

3 p.m. Mechanical Engineering Sesquicentennial Colloquium Lecture. "An Analytical Model of the Head Subjected to Sinusoidal Oscillation." Guy Genin, asst. prof. of mechanical engineering, and P.G. Massouros, research asst. Cupples II Hall, Rm. 100. 935-6047.

4 p.m. Chemistry seminar. "Shining New Light on Femtochemistry: Charge and Energy Flow in Molecules." Albert Stolow, NRC Steacie Inst. for Molecular Sciences. McMillan Lab., Rm. 311. 935-6530.

4 p.m. Neurology lecture. William N. Landau Lecture. "The Divine Banquet of the Brayne." Kenneth L. Tyler, Reuler-Lewin Family Professor of Neurology, prof. of medicine, microbiology and immunology. U. of Colo. Health Sciences Center, Denver. Cori Aud., 4565 McKinley Ave. 454-6042.

4 p.m. Ophthalmology & Visual Sciences Seminar Series. "Attention Systems of the Human Brain." Maurizio Corbetta, assoc. prof. of neurology. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 362-1006.

5 p.m. East Asian Studies lecture. Annual Nelson I. Wu Lecture. "Seeking the Self Amid Mountains and Waters: China's Human Landscape." Maxwell K. Hearn, curator of Chinese painting & calligraphy, Metropolitan Museum of Art, New York. (Reception follows.) Saint Louis Art Museum Aud. 935-4448.

Friday, Oct. 25

9:15 a.m. Pediatric Grand Rounds. "Hypoxia — A Key Regulatory Factor of Growth in Development and Disease." Kurt R. Stenmark, prof. of pediatrics, U. of Colo. School of Medicine, Denver. Clopton Aud., 4950 Children's Place. 454-6006.

Writer Soyinka to deliver Black Arts & Sciences Festival lecture

BY BARBARA REA

Nobel Prize-winning writer Wole Soyinka will be the Assembly Series speaker at 11 a.m. Oct. 23 in Graham Chapel.

His talk, "Art and the Politics of Theatre," will serve as the keynote address for the Black Arts & Sciences Festival (BASF) a weeklong series of events sponsored by the Association of Black Students.

This year's BASF theme is "UNCAGED: For Blacks Who Considered Art When Assimilating Wasn't Enuf." The festival runs Oct. 20-26 and includes a variety of programs for University students.

In addition, Soyinka's talk will kick off a four-day conference celebrating the 25th-anniversary season of the St. Louis Black Repertory Company. The culminating event, called "Black Theatre, the African Impulse," will feature playwrights, directors, composers and actors.

Widely considered to be among the most important contemporary writers, in 1986 Soyinka became the first African to receive a Nobel Prize in literature. Nigerian-born and educated predominantly in England, his work blends ancient African traditions with modern Western thought.

A dominant theme running through his plays, novels, poetry and essays deals with the struggle for democracy in his homeland. Throughout his career spanning four decades, his use of the pen against authoritarian regimes has resulted in arrests, imprisonment and exile.

Originally intent on a career in the theater, Soyinka earned a



Assembly Series

Who: Wole Soyinka

What: Black Arts & Sciences Festival keynote address

Where: Graham Chapel

When: 11 a.m. Oct. 23

degree in drama from the University of Leeds. After graduating, he worked at the Royal Court Theatre in London, where he wrote and produced his first

two plays, *The Swamp Dwellers* and *The Lion and the Jewel*.

At the age of 26, Soyinka returned to Nigeria, formed his own acting company and wrote *A Dance of the Forests*, gaining him wide recognition in his country.

For the next several years, he continued to write and direct plays, mainly political tragedies, which began to get him in trouble with the government. In 1967, he was arrested and imprisoned for almost two years, an ordeal recounted in his autobiographical work *The Man Died: Prison Notes*

of Wole Soyinka.

Following his release, Soyinka went into voluntary exile, stimulating a period of creative growth resulting in the publication of poetry (*A Shuttle in the Crypt*), plays (*Madmen and Specialists* and *Death and the King's Horseman*), his second novel (*Season of Anomy*) and his foray into essays (*Myth, Literature and the African World*).

In the 1980s, he continued to be prolific, writing two more plays, an autobiographical work, and another book of essays. In *An Open Sore of a Continent*, Soyinka traced Nigeria's decline into increasingly brutal and inhumane conditions, and in 1997 he received a death sentence.

Since then, he has been in the United States. He holds the Robert W. Woodruff Professorship of the Arts at Emory University.

In addition to his writing, Soyinka served as head of the theater arts department at the University of Ibadan and also as head of the dramatic arts department at the University of Ife.

All Assembly Series lectures are free and open to the public.

For more information on this or other Assembly Series lectures, call 935-4620 or go online to wupa.wustl.edu/assembly.

For more information on BASF events, go online to klik.to/abs.

Black Rep conference scheduled for Oct. 23-26

"Black Theatre, the African Impulse" is the title of the St. Louis Black Repertory Company's four-day symposium Oct. 23-26.

The events, which are free and open to the public, celebrate the Black Rep's 25th anniversary. Wole Soyinka's Assembly Series talk in Graham Chapel gets the symposium under way.

The Black Rep's founder and managing director is Ronald J. Himes, lecturer in African and Afro-American Studies in Arts & Sciences. Himes founded the company while a student at the

University.

The conference is sponsored by the Association of Black Students, African and Afro-American Studies and the Assembly Series, all of the University, and Grand Center.

The following is a list of conference activities:

- **Oct. 23, 11 a.m.:** Lecture by Wole Soyinka, Graham Chapel.
- **Oct. 24, 4 p.m.:** Lecture by Esiaba Irobi, associate professor of international theater and film at Ohio University, on "The Blues as an Affidavit of African-American Culture." McMillan Hall.

- **Oct. 25, 5 p.m.:** Reception and panel discussion featuring remarks by Gerald L. Early, Ph.D., the Merle Kling Professor of Modern Letters in Arts & Sciences. Panelists who will discuss "The Collaborative Process" include Bill Harris (playwright), William Banfield (composer), Steve Henderson (actor) and Lorna Littleway (director). Grandel Theatre.
- **Oct. 26, 3 p.m.:** Stage reading directed by Lorna Littleway. Grandel Theatre.

Call the Black Rep at 534-3807 for more information.

Noon. Cell Biology & Physiology seminar. "Dynamic Microtubules Establish the Cellular Axis of Fission Yeast." Fred Chang, asst. prof. of microbiology, Columbia U. McDonnell Medical Sciences Bldg., Rm. 426. 362-1668.

2 p.m. Politics, Ethics & Society Seminar Series. Seyla Benhabib, Eugene Meyer Professor of Political Science and Philosophy, Yale U. Eliot Hall, Rm. 300. 935-5812.

4 p.m. Neuroscience seminar. "Secreted SCN Factors and the Daily Regulation of Locomotor Activity." Charles Weitz, assoc. prof. of neurobiology, Harvard U. McDonnell Medical Sciences Bldg., Rm. 928. 362-7043.

Monday, Oct. 28

8 a.m.-5 p.m. Politics, Ethics & Society symposium. "Ethics of Genetic Testing for Dementia." Registration required. Chase Park Plaza, Khorassan Ballroom. 747-2981.

Noon. Molecular Biology & Pharmacology Research seminar. "Signal Integration During Retinal Development." Ilaria Rebay, assoc. prof. of biology, MIT. South Bldg., Rm. 3907, Philip Needleman Library. 362-0183.

Noon. Neurology & Neurological Surgery Research Seminar Series. "Neuroimaging of Normal Cognitive Development; Some Early Lessons from fMRI Studies of Language." Brad Schlaggar, instructor in neurology, Maternity Bldg., Lvl. 1, Schwarz Aud. 362-7316.

4 p.m. Biology seminar. "Plasticity of the Auditory System in Adult Animals." Nobuo Suga, prof. of biology. Rebstock Hall, Rm. 322. 935-8635.

4 p.m. Immunology Research Seminar Series. "Redox Reactions in Antigen Processing." Peter Cresswell, prof. of immunobiology, Yale U. Eric P. Newman Education Center. 362-2763.

7 p.m. Architecture Monday Night Lecture Series. Cannon Lecture for Excellence in Architecture & Engineering. "Landscape as Medium." Laurie Olin, landscape architect, author. Steinberg Hall Aud. 935-6200.

Tuesday, Oct. 29

8:15 a.m.-Noon. Center for the Application of Information Technology management focus session. "Managing IT in an Uncertain Economy." Val Sribar, META Group, & Rita Numerof, Numerof & Associates, Inc. Open to CAIT members only. Eric P. Newman Education Center. 935-4792.

Noon. Molecular Microbiology and Microbial Pathogenesis Seminar Series. "HIV Entry Inhibitors: A New Therapeutic Option." Robert W. Doms, chair of microbiology, U. of Penn. Cori Aud., 4565 McKinley Ave. 747-2134.

Noon-1 p.m. Toastmasters communications seminar. Michael Lewis, Toastmasters Missouri Div. F Governor. 4480 Clayton Ave, Rm. 1140A. 362-7003.

4 p.m. Pain Center seminar. "Molecular Determinants of Vesicle Recycling at Hippocampal Synapses." Ege Kavalali, asst. prof. of basic neuroscience, U. of

Texas. Southwestern Medical Center at Dallas. Clinical Sciences Research Bldg., Rm. 5550. 362-8560.

7:30-9 p.m. Catholic Student Center discussion. "Meat and Potatoes of Catholicism." Rev. Gary Braun. Catholic Student Center, 6352 Forsyth. 935-9191.

Wednesday, Oct. 30

8 a.m. Obstetrics & Gynecology Grand Rounds. "The Evolution of Gynecologic Oncology." John Mikuta, Franklin Payne Professor of Gynecologic Oncology, U. of Penn., Philadelphia. Clopton Aud., 4950 Children's Place. 362-1016.

Noon. Assembly Series. CHIMES Lecture. Oliver Sacks, neurologist, author. Graham Chapel. 935-5285.

4 p.m. Biochemistry and Molecular Biophysics seminar. "The Use of Continuum Solvent Models in Biomolecular Simulations." David A. Case, prof. of molecular biology, Scripps Research Inst., LaJolla, Calif. Cori Aud., 4565 McKinley Ave. 362-0261.

Thursday, Oct. 31

10 a.m. Religious Studies lecture. Gregory Fields, prof. of philosophy, Southern Ill. U. at Edwardsville. Lab Sciences Bldg., Rm. 300. 935-8677.

11 a.m. Pulmonary & Critical Care Medicine Grand Rounds. "New Insights into Allergic Bronchopulmonary Asergillosis." Raymond Slavin, Prof. of internal medicine & microbiology, St. Louis U. Medical Center. Barnes-Jewish Hosp. Bldg., East Pavilion Aud. 362-6904.

Noon. Genetics Seminar Series. "Segregating Complex Asthma Traits Using Viruses, Mice, and Humans." Michael J. Holtzman, Seldin Professor of Internal Medicine, prof. of cell biology & physiology. McDonnell Medical Sciences Bldg., Rm. 823. 362-2139.

1:10 p.m. George Warren Brown School of Social Work Lecture Series. "Aging in Missouri: Is Getting Older Getting Better?" Betty Sims, Mo. State Senator for Dist. 24. Brown Hall Lounge. 935-4909.

4 p.m. Religious Studies lecture. Weltin Lecture. "The Image of the Invisible God in Early Christian Art." Robin Jensen, prof. of the history of Christianity, Andover Newton Theological School, Newton, Mass. McDonnell Hall, Rm. 162. 935-8677.

8 p.m. Writing Program Reading Series colloquium. The craft of poetry. David Lehman, poet and critic. Duncker Hall, Rm. 201. 935-7130.

On Stage

Friday, Oct. 25

8 p.m. Performing Arts Department production. *Once in a Lifetime*. Jeffery Matthews, dir. (Also Oct. 26, 8 p.m.; Oct. 27, 2 p.m.; Nov. 1 & 2, 8 p.m.; & Nov. 3, 2 p.m.) Cost: \$12, \$8 for WUSTL faculty,

staff, & students. Edison Theatre. 935-6543.

Music

Thursday, Oct. 24

8 p.m. Jazz at Holmes. William Lenihan, guitar, dir. of jazz performance, dept. of music. Ridgley Hall, Holmes Lounge. 935-4841.

Sunday, Oct. 27

3 p.m. Reformation Choir Festival. Six participating choirs and a brass quintet. Hosted by Lutheran Campus Ministry. Free will offering. Graham Chapel. 863-8140.

Sports

Friday, Oct. 18

3:30 p.m. Volleyball vs. Nebraska Wesleyan U. Athletic Complex. 935-4705.

7:45 p.m. Volleyball vs. St. Olaf College.

Athletic Complex. 935-4705.

Saturday, Oct. 19

10:30 a.m. Volleyball vs. Fontbonne U. Athletic Complex. 935-4705.

2:45 p.m. Volleyball vs. Simpson College. Athletic Complex. 935-4705.

Monday, Oct. 21

7 p.m. Men's Soccer vs. Maryville U. Francis Field. 935-4705.

Friday, Oct. 25

5:30 p.m. Women's Soccer vs. U. of Rochester. Francis Field. 935-4705.

7:30 p.m. Men's Soccer vs. U. of Rochester. Francis Field. 935-4705.

Saturday, Oct. 26

12:30 p.m. Football vs. Case Western Reserve U. Francis Field. 935-4705.

Sunday, Oct. 27

11 a.m. Women's Soccer vs. Brandeis U. Francis Field. 935-4705.

1:30 p.m. Men's Soccer vs. Brandeis

U. Francis Field. 935-4705.

Wednesday, Oct. 30

7 p.m. Women's Soccer vs. Westminster College. Francis Field. 935-4705.

Worship

Saturday, Oct. 26

4:30 p.m. Catholic Mass. Catholic Student Center, 6352 Forsyth. 935-9191.

Sunday Oct. 27

11 a.m. & 9 p.m. Catholic Mass. Catholic Student Center, 6352 Forsyth. 935-9191.

And more...

Wednesday, Oct. 23

8 p.m. Writing Program Reading Series. David Lehman, poet & critic. Duncker Hall, Rm. 201. 935-7130.

Poet Lehman to read for Writing Program Reading Series

BY DOLSY SMITH

Poet and critic David Lehman, series editor of the influential *The Best American Poetry* anthologies, will read from his work at 8 p.m. Oct. 23 for The Writing Program Reading Series.

In addition, Lehman will give a colloquium on the craft of poetry at 8 p.m. Oct. 31. Both events are free and open to the public and take place in Hurst Lounge, Duncker Hall, Room 201.

Lehman is in residence for two weeks in The Writing Program in the Department of English in Arts & Sciences, serving as Fannie Hurst Professor of Creative Literature.

He is the author of five collections of poetry, most recently *The Evening Sun* (2002) and *The Daily Mirror: A Journal in Poetry* (2000). He has written several works of literary criticism, including *The Last Avant-Garde: The Making of the New York School of Poets*, which was named a "Book to Remember 1999" by the New York Public Library.

"David Lehman's poems are jazz improvisations on the theme of contemporary urban life," said Mary Jo Bang, assistant professor of English. "The reflective mind is caught in the midst of consider-

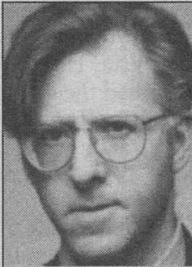
ing what it means to be alive as history unfolds at the end of the 20th century.

"In his 'daily poem' series, New York City becomes a canvas by Breugel with characters answering the telephone, hurrying across the street as the light changes, ordering Pepsi with a twist or scotch on the rocks. The past is a train of exquisite detail that cuts across the frozen moment. Loss stands in the shadow, and the moon is overhead. We are charmed."

Of Lehman's *The Daily Mirror*, poet Susan Wheeler wrote, "Would that we all had daily mirrors so urbane, clear-eyed and varied! These poems move at the speed of light — or the speed of a late-night taxi ride uptown on Sixth Avenue, when you're lucky enough to make all the lights, a snapshot of a city tableau flashing by on every corner."

Lehman launched *The Best American Poetry* in 1988, and he also serves as general editor of the University of Michigan Press' *Poets on Poetry Series*.

In addition, he has edited such



Poetry reading

Who: David Lehman

Where: Hurst Lounge — Duncker Hall, Room 201

When: 8 p.m. Oct. 23

Admission: Free and open to the public

collections as *Ecstatic Occasions*, *Expedient Forms: 65 Leading Contemporary Poets Select* and *Comment on Their Poems* (1996); and *James Merrill, Essays in Criticism* (with Charles Berger, 1983).

Lehman has received fellowships from the Guggenheim Foundation, the Ingram Merrill Foundation and the National Endowment for the Arts; an award in literature from the American Academy of Arts and Letters; and a Lila Wallace/Reader's Digest Writer's Award.

He is on the core faculty of the graduate writing programs at Bennington College and The New School.

A book signing will follow the Oct. 23 reading and copies of Lehman's works will be available for purchase.

For more information, call 935-7130.

NSF

Science outreach to bolster teaching

— from Page 1

scores show that schools statewide have difficulty in helping students in grades 4-8 test well in math and science.

Through SIRC, district teams will engage in strategic planning institutes for science and math education. The University, the science center and the zoo will provide implementation support for schools as they adopt new inquiry-based curricula.

The community resource center, which will be housed at a St. Louis Science Center facility, is a major component of the teacher support network. Carol Valenta, vice president for education, exhibits and programs at the science center, is a director on the SIRC project with May.

SIRC also provides support to new teachers who are at risk for leaving the profession. The University will develop a new science inquiry course for education majors.

SIRC also funds development

of a critical literacy lab in education. This facility will allow new teachers and student teachers to assess their classroom practices using videotaping and faculty feedback.

As teachers move beyond the first critical years of service, SIRC will provide for a progression of professional development courses for teachers of grades K-12, with emphasis on grades 4-8.

Different courses will be designed for inexperienced teachers, experienced teachers and master-level teachers. The courses will focus on appropriate science and math content and classroom pedagogy.

Science center and zoo resources will be part of this professional development for teachers.

The SIRC project also includes community-based programs designed to narrow achievement gaps between white and African-American students in math and science.

The community programs will provide tutoring for younger students, college preparation for high school students, and training for school guidance counselors. The college preparatory program is based on an existing program at the science center.



With all your might! Members of the "Red Team" hang on for dear life during a tug-of-war during the recent Greek Olympics in the South 40 Swamp. The "Red Team," made up of members of one sorority and two fraternities, was one of several teams participating in the olympics, the concluding event of Greek Week.

Fingerprinting

MasterCard testing magnetic system

— from Page 1

All bar codes are printed to make them universally recognized in all readers, but if we examine the microstructure of the ink particles, we recognize that each bar comprises millions of individual ink particles that form a unique random and unchanging pattern. For all practical purposes, there is no other bar that has the same particle pattern.

The same is true of all magnetic media. When the magnetic media are applied to tape, credit cards, computer disks or any other object, there are billions of particles fixed into a random pattern. Each of the billions of

grains, scattered about in seemingly random fashion, is magnetic.

Information is imprinted on the particles by magnetizing them with a strong magnetic field. This information is recognized and turned into an electrical signal in the card reader.

Until the development of Magneprint, all that this does for the sales clerk who swipes your card through a magnetic card reader is give a confirmation of your number that the credit card company assigns to you.

However, this does not confirm that the card is authentic. Counterfeiters who steal your number can reproduce it and easily fabricate a fraudulent credit card.

Indeck and Muller proved that the billions of particles in the stripe (each one is one-500th the thickness of a human hair)

create a noise pattern that is unique and easily identifiable for every small region of a magnetic medium.

Previously, scientists had thought that the random arrangements of millions of magnetic microparticles in magnetic information devices were only magnetic "noise" — unwanted babble that degraded the reading of desired information. But Indeck and Muller also proved that the magnetic noise is unique to very small regions and is unchanging.

The noise pattern easily can be read with standard magnetic read heads, providing a noise pattern as unique as each person's fingerprint. Each fingerprint virtually is impossible for a forger to reproduce because such an effort would take the use of nanoscopic tools beyond imagination.

Sports

No.1 volleyball team keeps rolling along

The No.1-ranked volleyball team moved to 25-0 with four wins at the University Athletic Association Round Robin Oct. 12-13 in Waltham, Mass. The Bears ousted Carnegie Mellon University 3-0 and Case Western Reserve University 3-0 Oct. 12, then defeated New York University (NYU) 3-0 and No. 9 Emory University 3-1 Oct. 13. With the four wins, the Bears extended the nation's longest winning streak to 25 matches and also tied the fifth-longest winning streak in school history. They also improved their all-time UAA record to 177-3 (.983).

Other updates

The men's and women's cross country teams traveled across the river Oct. 12 to compete in the All Missouri/Border States Championship in Edwardsville, Ill. The men placed sixth out of 15 teams with 162 points, while the No. 7 women's team placed seventh out of 18 teams with 189 points. Emily Lahowetz was the top Bears finisher as she placed fifth out of 175 runners in a time of 18:52.60.

The football team suffered its worst home loss in 10 seasons as the Trinity University Tigers, ranked No. 5 in the nation by the American

Football Coaches Association, handed the Bears a 30-0 defeat Oct. 12 at Francis Field. Despite the lopsided score, the Bears were in the game at halftime, trailing just 9-0. The Bears turned the ball over four times in the first half, but forced three Trinity turnovers to stay close. Washington U. finished the game with six turnovers, all interceptions, for the second straight week and mustered just 120 yards of total offense.

Quarterback Nathan Szep finished 13-of-27 passing for 98 yards and five interceptions, while Matt Plotke had 14 carries for 53 yards and Brad Duesing caught five passes for 47 yards.

The men's soccer team split two UAA games Oct. 11 and Oct. 13 as it lost at NYU 2-0 Oct. 11, then defeated Emory 3-1 Oct. 13. In the 2-0 loss at New York, the Violets outshot the Bears 7-5 while scoring one goal in each half. The Bears evened their record at 5-5-1 two days later with the 3-1 win at Emory. Matt Twardowski gave the Bears a 1-0 lead at halftime as he scored in the eighth minute. Mark Gister and Andrew Franklin added goals for the Bears in the second half and Emory scored its only goal on a penalty kick in the 73rd minute.

The women's soccer team managed just one goal in posting a 0-2-1 mark last week. The Bears had their streak of scoreless min-

utes against stopped just short of 400 as the Bears dropped a 2-0 decision at Division II Southern Illinois Edwardsville Oct. 8. The Bears couldn't find the back of the net, but still managed a 0-0 draw, their third of the season, against No. 21 NYU on Oct. 11. The game was played in a driving rainstorm and WUSTL had a chance late in the second half, but two shots went just wide and

another hit the cross bar. The Bears then closed out the week with a 2-1 loss at No. 13

Emory on Oct. 13. The Bears trailed 1-0 at halftime before Brenda Harpole knotted the game at 1 with a goal in the 79th minute. Emory would answer less than two minutes later, though, to pull out the win.

On the Web

For complete sports schedules and results, go to bearsports.wustl.edu.

Both basketball teams ranked No. 1

The men's and women's basketball teams, which both opened practice for the 2002-03 season Oct. 15, are ranked No. 1 in the *DIII News* preseason polls. *DIII News* is a national publication that has been covering NCAA Division III basketball on a national level for 10 years. The men's team is also ranked No. 5 nationally in *Street & Smith's* preseason poll.

Campus Watch

The following incidents were reported to University Police Oct. 9-15. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This information is provided as a public service to promote safety awareness and is available on the University Police Web site at police.wustl.edu.

Oct. 9

1:06 p.m. — A student reported that an unknown person stole his laptop computer from Eads Hall. He had inadvertently left it unattended at a work station for about three hours. Total loss is estimated at \$1,400.

Oct. 10

2:03 p.m. — A student reported that an unknown person took his license plates from his vehicle, which was parked on the top level of Millbrook Garage. Total loss is estimated at \$48.

8:16 p.m. — A person reported that an unknown person took a laptop computer that had been left unsecured and unattended next to an open door in

Anheuser-Busch Hall. Total loss is estimated at \$1,400.

Oct. 12

11:47 a.m. — A student reported that he parked his car on the top level of Snow Way Garage at 10 p.m. Oct. 11. When he returned at 11:15 a.m. on Oct. 12, he noticed that an unknown person had taken his license plate from the back of his car. Total loss is unknown.

Additionally, University Police responded to two reports of property damage and tampering, and one report each of an auto accident, recovered property, judicial violation, motor vehicle theft and suspicious person.

Employment

Go online to hr.wustl.edu (Hilltop Campus) or medicine.wustl.edu/wumshr (Medical Campus) to obtain complete job descriptions.

Hilltop Campus

Information regarding positions may be obtained in the Office of Human Resources, Room 130, West Campus. If you are not a WUSTL staff member, call 935-9836. Staff members call 935-5906.

Senior Medical Sciences Writer 010108

Lab Technician — Part Time 020234

General Lab Asst. — Part Time 020237

Occupational Health Safety Technologist 020339

Assoc. Dir. Corporate Relations 020365

Career Dev. Specialist — Grad Students 020381

Application Processor 030022

Senior Contract Management Liaison 030032

Department Secretary 030033

Deputized Police Officer 030062

Physical Therapist 030064

Accounts Receivable Service Rep. 030070

Laboratory Technician/Analytical Chemist 030071

Assistant Director of Admissions 030072

Registered Nurse 030079

Data Entry Processor 030081

Sr. Regional Dir. Major Gifts, N. Atlantic Region 030083

Director of Corporate Relations 030084

Administrative/ Grants Coord. 030087

Systems Coordinator 030088

Asst. Manager/Housekeeping for Res. Life 030093

Employee Relations Manager 030095

Health Services Physician 030099

Technology Center Manager 030100

Parking Enforcement Monitor 030102

Library Technical Asst. (Adaptive Cataloging) 030103

Scheduling Coordinator 030104

Assoc. Dir. Medical Dev./Exec. Faculty Liaison 030105

Department Secretary 030106

Asst. Accountant 030108

Accounting Systems Data Coord. 030109

Business Development Coord. 030110

Shuttle Driver 030111

Admin. Asst. to Assoc. Vice Chancellor 030112

Career Development Specialist 030114

Medical Secretary III 030455

Professional Rater I 030486

Shipping & Receiving Clerk 030487

Ophthalmic Asst. 030468

Patient Billing Services Rep. II 030507

Patient Service Rep. II 030509

Professional Rater II 030513

Research Patient Coord. 030514

Professional Rater II 030516

Research Patient Coord./Professional 030518

Research Technician 030525

Clerk I 030526

Research Patient Coord. 030528

Research Technician I 030530

Medical Secretary II 030531

Medical Transcriptionist 030532

Medical Asst. II 030533

Animal Care Technician 030538

Research Technician I 030545

Purchasing Coord. 030546

Dialysis Technician II 030446

Patient Billing Services Rep. I 030445

Senior Research Technician 030438

Nursing Administrator 030434

Research Technician II 030304

External candidates: Submit resumes to the Office of Human Resources, 4480 Clayton Ave., Campus Box 8002, St. Louis, MO 63110, or call 362-7196.

This is a partial list of positions in the School of Medicine.

Employees: Contact the medical school's Office of Human Resources at 362-7196.

Washington University Policy on Sexual Harassment

The Washington University Record publishes this policy yearly as a service to the University community.

I. Introduction and policy statement

Washington University is committed to having a positive learning and working environment for its students, faculty and staff and will not tolerate sexual harassment.

Sexual harassment is an attack on the dignity of individuals and the integrity of the University as an institution of learning. Academic freedom can exist only when every person is free to pursue ideas in a non-threatening, non-coercive atmosphere of mutual respect. Sexual harassment is reprehensible and threatening to the careers, educational experience and well being of all members of our community.

Sexual harassment is a form of discrimination that violates University policy. It is also illegal under state and federal law.

This policy applies to all members of the Washington University community. It allocates responsibilities for helping to ensure that University policy is fairly applied, explains the process by which complaints of sexual harassment may be brought forward and provides sanctions for sexual harassment, which may range from reprimands to termination or dismissal, depending upon the severity of the offense. If you believe you have been sexually harassed, Sections IV and V describe options about what you can do and where you can get help. If you believe you have been falsely accused of sexual harassment, the procedures set out below are also available to you. Those charged with implementation of this Policy will, whenever appropriate, encourage and assist those who believe they may have been sexually harassed to pursue the assorted informal means outlined in Section IV below for securing the cessation of unwelcome and offensive conduct.

II. What is sexual harassment?

For the purposes of this statement, Washington University has adapted the Equal Employment Opportunity Commission (EEOC) definition of sexual harassment for an academic community: Sexual harassment is defined as any unwelcome sexual advance, request for sexual favor or other unwelcome verbal or physical conduct of a sexual nature, whether committed on or off campus, when:

- submission to such conduct is made, either explicitly or implicitly, a term or condition of an individual's employment or academic advancement;
- submission to or rejection of such conduct by an individual is used as the basis or threatened to be used as the basis for employment or academic decisions or assessments affecting an individual; or
- such conduct has the purpose or effect of unreasonably interfering with an individual's work or educational performance or creating an intimidating or hostile environment for work or learning. Such conduct will typically be directed against a particular individual or individuals and will either be abusive or severely humiliating or will persist despite the objection of the person targeted by the speech or conduct.

Sexual harassment includes but is not limited to situations where one person has authority over another. In such situations, sexual harassment is particularly serious because it may unfairly exploit the power inherent in a faculty member's or supervisor's position.

Sexual harassment can be verbal, visual, physical or communicated in writing or electronically. Some conduct obviously constitutes sexual harassment — such as a threat that a grade or promotion will depend on submission to sexual advance. But whether particular conduct constitutes sexual harassment will often depend upon the specific context of the situation, including the participants' reasonable understanding of the situation, their past dealings with each other, the nature of their professional relationship (e.g., supervisor-subordinate, colleague, etc.) and the specific setting. The inquiry can be particularly complex in an academic community, where the free and open exchange of ideas and viewpoints preserved by the concept of academic freedom may sometimes prove distasteful, disturbing or offensive to some.

Examples of conduct which may constitute sexual harassment include but are not limited to:

- requests for sexual favors
- hugging, rubbing, touching, patting, pinching or brushing another's body
- inappropriate whistling or staring
- veiled suggestions of sexual activities
- requests for private meetings outside of class or business hours for other than legitimate mentoring purposes
- use in the classroom of sexual jokes, stories or images in no way germane to the subject of the class
- remarks about a person's body or sexual relationships, activities or experience
- use of inappropriate body images to advertise events

Members of the University community can expect to be free from sexual harassment and thus all members of the University community should guard against it. The fact that someone did not intend to sexually harass an individual is generally not considered a sufficient defense to a complaint of sexual harassment, although the reasonableness or the accuser's perceptions may be considered. In most cases, it is the effect and characteristics of the behavior on the complainant and whether a reasonable person similarly situated would find the conduct offensive that determine whether the behavior constitutes sexual harassment.

III. Confidentiality

The University will strive to protect, to the greatest extent possible, the confidentiality of persons reporting harassment and of those accused of harassment. Because the University has an obligation to address sexual harassment, however, the University cannot guarantee complete confidentiality where it would conflict with the University's obligation to investigate meaningfully or, where warranted, take corrective action. Even when some disclosure of the University's information or sources is necessary, it will be limited to the extent possible. The University will, to the extent permitted by law, keep confidential all records of complaints, responses and investigations. The records maintained by the Sexual Harassment Response Coordinator shall be available only to the Coordinator and, to the extent necessary, to administrators and other supervisors charged with responding to allegations of harassment. Allegations of sexual harassment shall not be placed in student records or personnel files unless, after appropriate investigation, such allegations have been sustained. Records of allegations maintained by the Coordinator which do not lead to formal hearings or personnel actions will be discarded after five years unless there are additional, more recent complaints against the same person. Any records maintained by the Coordinator concerning an allegation about which an accused person was not given reasonably timely notice and an opportunity to respond shall not be used to justify

or enhance a sanction, other than an oral or written warning, imposed for a different instance of harassment.

If you want to discuss possible harassment in a more confidential setting or clarify your feelings about whether and how you wish to proceed, you may want to consult a social worker, therapist or member of the clergy, who is permitted, by law, to assure greater confidentiality. Clergy and counseling resources on campus are listed in Bearings, Ternion and Safety and Security on the Hilltop Campus. In addition, any member of the University community may contact the Student Counseling Services at 935-5980 for a confidential discussion and, if desired, referral to off-campus resources.

IV. Seeking advice; making a complaint

If you believe that you have been sexually harassed, you have a number of response options, both formal and informal. Some people may wish to pursue informal means instead of or before making a formal complaint; others will not. If an informal procedure is ineffective, the formal procedures will remain open to you. You should select the route you feel most appropriate for your circumstances. However you wish to proceed, you may consult at any time with the Hilltop or Medical Center Sexual Harassment Response Coordinator (listed in the Appendix), whose responsibilities include assisting students, faculty and staff with sexual harassment issues, be they general or specific, formal or informal. You may wish to work with the Coordinator to select an approach.

A. Informal Procedures

- I. If you feel comfortable dealing with the situation without assistance, you can:
 - a. Clearly say "no" to the person whose behavior is unwelcome.
 - b. Communicate either orally or in writing with the person whose behavior is unwelcome. The most useful communication will have three parts:
 1. A factual description of the incident(s) including date, time, place and specific action.
 2. A description of the writer's feelings, including any consequences of the incident.
 3. A request that the conduct cease. Frequently, such a communication will cause the unwelcome behavior to stop, particularly where the person may not be aware that the conduct is unwelcome or offensive.

- II. If you would like to proceed informally, but with the assistance of someone else, you may:
 - a. Ask the person's supervisor, e.g., department chair, dean, director, housing office representative, academic advisor or resident advisor, to speak to the person whose behavior was unwelcome. The purpose of such conversations is the cessation of unwelcome behavior.
 - b. Consult with the Coordinator or one of the Sexual Harassment Response Advisors listed in the Appendix and specifically charged with responding to sexual harassment inquiries and complaints. These individuals are thoroughly familiar with University policy on sexual harassment and are available to consult with victims of sexual harassment, those charged with sexual harassment, witnesses and supervisors of parties to a complaint. They can provide information about informal actions that might remedy the situation and discuss University policy on sexual harassment and procedures for resolving complaints.
 - c. Ask the Coordinator to mediate or arrange for mediation. Mediation is discussion and negotiation, with the help of a third party, designed to permit the parties to reach a mutually agreeable resolution of a dispute. If a person complaining of sexual harassment seeks mediation, the person accused of harassment agrees and the Coordinator concludes that the mediation would be consistent with the University's legal obligations in responding to and preventing sexual harassment, the Coordinator may mediate or arrange for mediation.

B. Formal Procedures

Whether or not you have attempted to resolve a sexual harassment claim through informal means, you may initiate a formal sexual harassment grievance proceeding by filing a written complaint. This process may lead to a formal hearing at which evidence will be considered and witnesses heard. If this is the course you wish to take, the Coordinator can assist you in filing a complaint.

Complaints, prepared with or without the assistance of the Coordinator, can be filed with the following Committees, with a copy to the Coordinator for your campus:

Complaints against faculty or staff:

Faculty and Administrative Affirmative Action Committee
(complaints by faculty and administrators)

Title IX Grievance Committee
(complaints by students)

Human Resources Advisory Committee
(complaints by staff)

All of these committees may be contacted:

c/o Office of Human Resources
North Brookings Hall, Room 126
Campus Box 1184
935-5990

Hearing procedures are set out in the Washington University Discrimination and Sexual Harassment Hearing Procedures. These procedures may be obtained from the Office of Human Resources or from any Sexual Harassment Response Coordinator or Advisor.

Complaints against students or student groups:

Director of Judicial Programs
Residential Life Center 10
Campus Box 1250
935-4174

Hearing procedures are set out in the University Judicial Code, found in Bearings and Washington University Faculty Information. These procedures may also be obtained from the University Judicial Administrator or from the Sexual Harassment Response Coordinators or Advisors.

Whether or not you choose to file a complaint, the University may be required, or may otherwise deem it necessary and protective of the academic community, to commence its own investigation.

V. Protection of rights

The University will not tolerate retaliation or discrimination against persons who report or charge sexual harassment or against those who testify, assist or participate in any investigation, proceeding or hearing involving a complaint of sexual harassment. In this context,

text, retaliation means speech or conduct that adversely affects another's terms or conditions of employment or education and is motivated by an intent to harm the targeted person because of his or her participation in the filing or investigation of an allegation of sexual harassment. Any such retaliation — or any encouragement of another to retaliate — is a serious violation of University policy and law; independent of whether the particular claim of sexual harassment is substantiated. If you believe you have been subjected to retaliation in violation of this rule, you may use the procedures described above to complain and seek redress.

The University seeks to protect the rights of all persons, accusers and accused, to fair procedures. Accusations of sexual harassment typically have injurious far-reaching effects on the careers and lives of accused individuals. Allegations of sexual harassment must be made in good faith and not out of malice. Knowingly making a false or frivolous allegation of sexual harassment, whether in a formal or informal context, will be treated as a serious offense under this policy and, where it applies, the University Judicial Code. If you believe you have been falsely accused of sexual harassment you may use the procedures of this policy or the University Judicial Code, where applicable, to seek redress. See Section IV.

VI. Obligations of vigilance and reporting

The University can respond to specific instances and allegations of harassment only if it is aware of them. The University therefore encourages anyone who believes that he or she has experienced sexual harassment to promptly come forward with inquiries, reports or complaints and to seek assistance from the University. In addition, any University employee who becomes aware of instances or allegations of sexual harassment by or against a person under his or her supervisory authority must report it to those charged with responding to such allegations and reports: the appropriate dean, director or department head or other similar administrator or to the Sexual Harassment Response Coordinator or one of the Advisors. It shall be the responsibility of these individuals to respond to allegations and reports of sexual harassment or refer them to other University officials for such response.

Any dean, director or department head or other similar administrator who becomes aware of information indicating a significant likelihood of sexual harassment must report such information to the Sexual Harassment Response Coordinator for the appropriate campus. These administrators must respond not only when they receive a specific complaint or report alleging improper activity, but also when such matters come to their attention informally. Unconfirmed or disputed allegations should be clearly labeled as such and reports should indicate any steps already taken to investigate or otherwise respond. Administrators may wish to consult with the Coordinator or any of the Advisors prior to investigating or otherwise responding to any situation involving alleged harassment.

VII. Possible Sanctions

Possible sanctions for a person found guilty of behavior in violation of this policy include but are not limited to the following:

- oral or written reprimand, placed in the personnel file
- required attendance at a sexual harassment sensitivity program
- an apology to the victim
- oral or written warning
- loss of salary or benefit, such as sabbatical or research or travel funding
- transfer or change of job, class or residential assignment or location (i.e., removing the person from being in a position to retaliate or further harass the victim.)
- fine
- demotion
- suspension, probation, termination, dismissal or expulsion

While counseling is not considered a sanction, it may be offered or required in combination with sanctions. Where alcohol is involved in the sexual harassment, such counseling may include an alcohol abuse program.

If students or student groups are guilty of sexual harassment, any of the sanctions set forth in the University Judicial Code may also be invoked.

VIII. Education

The best way to deal with sexual harassment is to prevent it. Education is essential to eliminating sexual harassment. Washington University has developed an ongoing training program. Please call a Sexual Harassment Response Coordinator or Advisor to find out more about these programs, what sexual harassment is, how to respond to it and what to do when someone asks for advice about sexual harassment.

Approved by the Washington University Senate Council, October 19, 1995.

Approved by the Washington University Senate, April 22, 1996.

Revision approved by the Washington University Senate, April 28, 1997.

(This policy supersedes prior University Policies on Sexual Harassment).

Sexual Harassment Coordinators and Advisors

(as of June 2001)

Hilltop Campus

Coordinator: Ann B. Prenatt – 935-7746

Advisors: Lorraine Goffe-Rush – 935-8046
(complaints by faculty, staff and others)
Kathy Steiner-Lang – 935-5910
(complaints by students and others)
Richard Diemer – 935-4237
(complaints by faculty and others)

Medical Campus

Coordinator: Apryle Cotton – 362-7198

Advisors: Apryle Cotton – 362-7198
(complaints by faculty, staff and others)
Dr. Leslie Kahl – 362-7481
(complaints by students and others)
Sandra Sledge – 362-4937
(complaints by staff and others)

Washington People

As a little boy, Jeffrey F. Moley, M.D., learned the importance of taking care of indigent patients from his father, Malcom Moley, M.D., a respected surgeon at St. Luke's and Harlem hospitals in New York City.

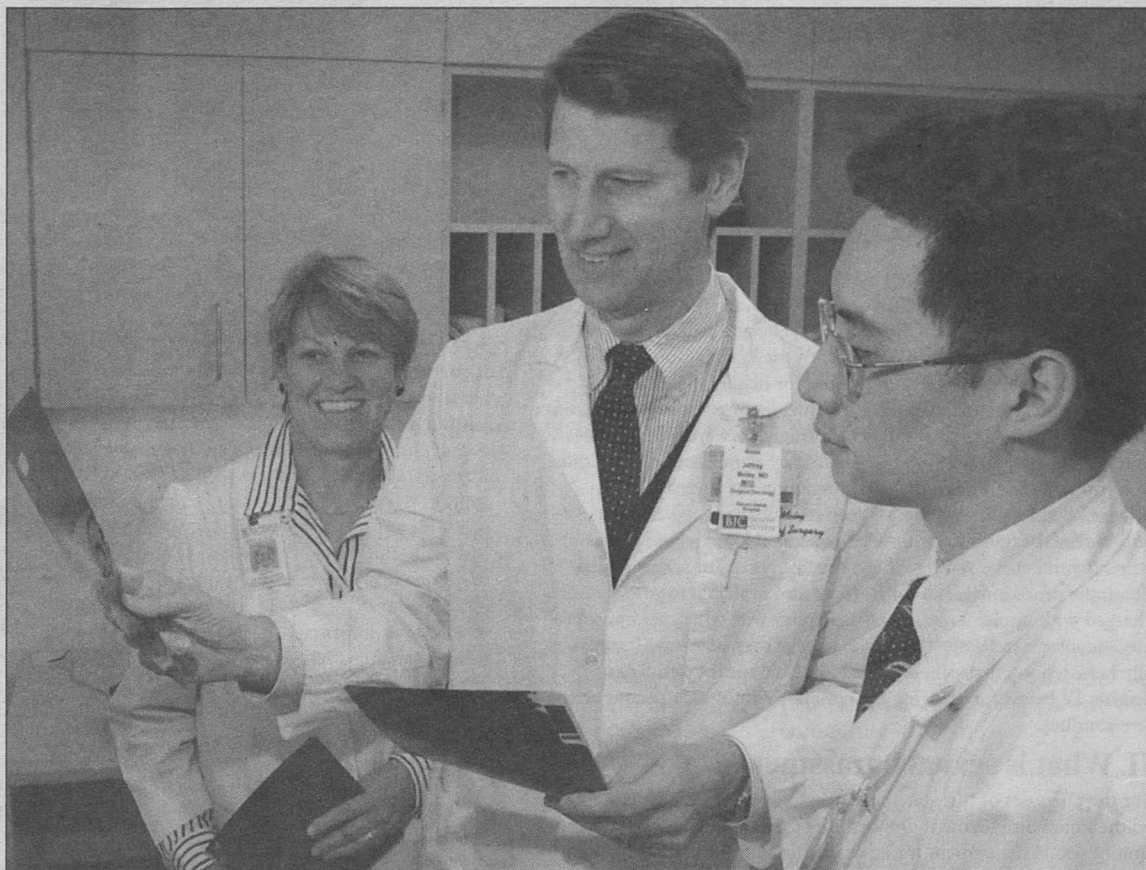
The family's Manhattan home was just blocks from St. Luke's, which allowed Moley to spend a lot of time with his father. The hospital, located on the Upper West Side, served as a melting pot of ethnic groups.

"We met people of all kinds there, people who were entirely different from those in our usual social circles," Moley says, "and I really enjoyed that."

Moley often visited his father at work and admired the warm relationship he had with his staff and patients — no matter what their social or economic background was.

"My vision of the good physician was strongly shaped by my father," Moley says.

Moley's father continued caring for the poor until his death at



Jeffrey F. Moley, M.D., professor of surgery, reviews films with third-year medical student Tony Hsu and clinical research nurse coordinator Mary K. DeBenedetti to determine the treatment course for a patient.

Like father, like son

Jeffrey F. Moley, M.D., professor of surgery, carries on the warm bedside manner he learned from his dad

By Darrell E. Ward

age 75 of a heart attack, which happened as he was walking to work at St. Luke's.

While Moley's father was caring for patients, his grandfather, Raymond Moley, was serving his country. Raymond, a professor of law and of political science at Columbia University, served as Franklin D. Roosevelt's adviser and speechwriter for a decade, penning most of FDR's inaugural address. Later, he founded *Newsweek* magazine, and by 1933 he had landed on the cover of *Time*.

Ambition and multiple talents are signature traits of the Moley family. At age 9, Moley knew he wanted to be a surgeon; at age 12, he was playing guitar in his first band.

He excelled in high school academics and was on the football, wrestling and track teams. "But what I enjoyed most then was playing music," he says.

Moley played in a jazz band as an undergraduate at Harvard University, where he graduated magna cum laude in molecular biology. As a medical student at Columbia University, he continued playing nighttime gigs at jazz clubs in Greenwich Village and SoHo, then got up the next morning and went to class.

But making music never interfered with medicine. At Columbia, he earned a Dean's Fellowship for Medical Student Research. And that marked the beginning of Moley's distinguished medical career.

Today Moley, professor of surgery, is chief of endocrine and oncologic surgery at the School of Medicine, associate director of clinical investigations at the Alvin J. Siteman Cancer Center at the School of Medicine and Barnes-Jewish Hospital, director of the cancer center's Clinical and Translational Research Program and associate chief of surgery at the St. Louis Veteran's Administration Hospital.

"Dr. Moley is a world authority on endocrine surgery and endocrine cancers," says Gregorio A. Sicard, M.D., professor of surgery and head of the Division of General Surgery.

Moley is especially known for his work on a hereditary cancer known as multiple endocrine neoplasia type 2, or MEN-2, which affects the thyroid and adrenal

glands. He also conducts basic research studies on those tumors and led research that developed the only genetic test for the mutation that causes the disease.

"Jeff is a level-headed individual who works well under pressure; he keeps his cool and thinks clearly," Sicard says. "At a personal level, he's wonderful. He evaluates issues in an organized and very humane way."

Among his patients, Moley is known for his caring and compassionate manner.

"He always has time for patients, no matter what their questions or concerns might be," says Mary K. DeBenedetti, the MEN research coordinator and Moley's clinical nurse.

That warm bedside manner surfaced back when he was chief resident at Yale University. During

Kelle recalls, and he showed his appreciation for their contributions by hosting get-togethers at his small apartment.

Moley feels strongly that people who work hard should be rewarded.

"We'd have these little parties every six weeks," Kelle says, laughing.

Even now, Moley takes the residents and medical students for an evening out after their rotation to thank them for their help. It's no surprise that Moley's dedication to medical school students helped earn him a Clinical Teacher of the Year Award from the Class of 2002.

All in the family

Moley was recruited to Washington University in 1988 by Samuel A. Wells, M.D., then-chairman of the Department of Surgery. At the time, Moley was completing a fellowship at the National Cancer Institute where he studied colon cancer, also a hereditary malignancy. Wells

tions between investigators conducting basic research with those doing clinical research. The goal is to foster translational research — studies that solve fundamental questions about a disease and that translate into new treatments and better patient care.

"Strengthening our culture of collaboration and openness between basic scientists and clinical investigators should pay off with faster progress toward new approaches to cancer diagnosis and treatment," Moley says.

When not treating patients or doing research, Moley spends time with his sons — Patrick, 10, Charles, 9, and John, 4 — attending scouting events and soccer and hockey games. He also enjoys reading Faulkner and the mysteries of Tony Hillerman.

Friday nights are family movie nights. "We spend a lot of time searching for movies that both kids and parents will enjoy," he says.

And — somehow between juggling his medical and family life — Moley still finds time to make music.

He enjoys jazz and classical but performs mainly bluegrass these days, which offers more daytime gigs. Moley and Terry C. Lairmore, M.D., associate professor of surgery, and two others formed the band Seldom Home.

The group needed a mandolin player, so Moley taught himself how to play one. The band has been together about six years, playing on KDHX-FM and at nearby family-oriented events and regional bluegrass festivals.

Music has its rewards, Moley admits, but medicine is what offers him a unique perspective on life.

"It's very sobering to see what people go through," he says. "Other careers may offer similar satisfactions, but the accomplishments and relationships one develops in medicine and in surgery are really indescribable. Being a physician is a real privilege."

"Dr. Moley is a world authority on endocrine surgery and endocrine cancers ... (he) is a level-headed individual who works well under pressure; he keeps his cool and thinks clearly. At a personal level, he's wonderful. He evaluates issues in an organized and very humane way."

GREGORIO A. SICARD

her surgery rotation, third-year medical student Kelle Harbert took notice of Moley's compassionate traits.

Harbert found Moley to be the most caring and sympathetic physician she'd ever met.

"I was impressed by the effort he made to communicate with patients and their families," she says. "That close communication with patients and families remains important to him today."

Moley, in turn, found Harbert to be "very intelligent, very well-organized — and very good-looking." The couple married within a year.

Today, Kelle H. Moley, M.D., is an assistant professor of obstetrics and gynecology in the Division of Reproductive Endocrinology and Infertility and an assistant professor of cell biology and physiology.

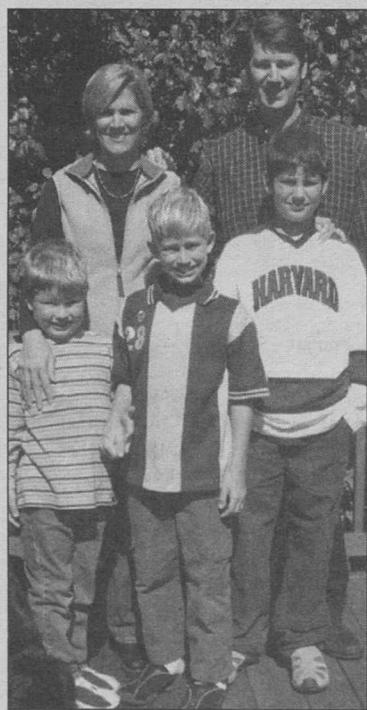
As chief resident at Yale, Moley treated the residents and medical students as members of a team,

introduced Moley to the problems of inherited endocrine cancers, a specialty that has had many rewarding challenges.

Moley's interests in the disease include studying the basic mechanism of the disease and finding new treatments for its most aggressive forms. The gene mutation that causes MEN-2 runs in families and is often carried by several family members.

People who carry the mutation are almost certain to develop a tumor at some time in their life. This raises a variety of difficult decisions such as determining the best care for a person who has the mutation but has not yet developed cancer, the most effective surgery for those who have a tumor and the best treatment for those with advanced disease.

At the Siteman Cancer Center, Moley works with a team of colleagues to facilitate collabora-



Moley and his wife, Kelle, with their three sons, (from left) John, Charles and Patrick, at their St. Louis home.

Jeffrey F. Moley, M.D.

Title: Professor of surgery

Years at the University: 14

Born: New York City

Honors: American Cancer Society Clinical Oncology Career Development Award; 2000-01 Clinical Teacher of the Year

Hobbies: Playing jazz, bluegrass and classical music